ALL AMERICAN CANAL LINING PROJECT
CM Status as of July 31, 2008
AACLP STATIONS

Reach 1A

Reach 1B

Reach 2

Reach 3
SAFETY

Monthly Injury/Illness Data

**KPC**
- 0 Recordable accidents for the month of July 31, 2008
- 1 Recordable accident as of July 31, 2008
- 1 Lost Time accident
- Total Man-Hours worked to date 188,460 man-hrs

**ACJV**
- 0 Recordable accidents for the month of July 31, 2008
- 4 Recordable accidents as of July 31, 2008
- 0 lost time accidents
- Total Man-Hours worked to date 149,894 man-hrs

**Near Miss:**
July 18, 2008 Ames worker was observed working about 30 ft above grade at Drop 2 West sheet pile. Personal fall protection was not used by the worker to access the unprotected I-beam scaffold. The worker was formally reprimanded by ACJV and the crew was given remedial fall protection training.
Environmental Items:

- No endangered species incident reported
- No cultural resources incident reported
- July 17, 2008 additional “Sensitive Resources Area” warning signs posted in Reach 1B (B3).
- No hazmat incident reported
**AACLP MAJOR EVENTS**

As of July 31, 2008

- **Mobilization - Sep 1, 2007 Early Finish (EF)**
- **Submittals June 27, 2008 - EF**
- **Prewet Reach 1A, October 30, 2007 EF**
- **Excavate to O&M Reach 1A - Dec 07, 2007 - EF**
- **Dewater Reach 1A - Mar 05, 2009 EF**
- **Excavate to Canal Prism Invert 1A - Dec 31, 2008 -EF**
- **Grade and Trim Canal Reach 1A - Jan 13, 2009- EF**
- **Place Concrete for Reach 1A - Mar 03, 2009 - EF**
- **Fill Reach 1A - Mar 16, 2009 - EF**
- **Prewet Reach 1B - May 30, 2008 EF**
- **Excavate to O&M Reach 1B - Jun 16, 2009 - EF**
- **Dewater Reach 1B - Feb 08, 2010 - EF**
- **Excavate to Canal Prism Invert Reach 1B - Dec 23, 2009 - EF**
- **Grade and Trim Canal - Dec 28, 2009 - EF**
- **Place Concrete for Reach 1B - Feb 01, 2010 EF**
- **Fill Reach 1B - Feb 1, 2010 EF Includes Tie-Ins**

**Earned Value Projected** 64.3, Actual 69.0%

Reach 1A & 1B Contract Completion Date March 31, 2010
Updated ACJV Baseline Schedule

As of July 31, 2008

2007

M | J | A | S | O | N | D | J | F | M | A | M

2008


Mobilization - June 29, 2007
Excavate to Canal Prism Invert Reach 3 - Feb 5, 2008 - EF
Grade and Trim Canal - Apr 25, 2008 - EF
Place Concrete for Mainline Reach 3 - Apr 15, 2008 - EF
Fill Reach 3 - Jun 12, 2008 - EF
Divert Flow To Lined Canal Reach 3 Jul 25, 2008 EF
Build Flume - Jan 30, 2008 - EF

2009

Build OLS - August 26 - EF OLS Operational NLT Aug 31, 2008
Reach 2 & 3 Startup Project/Acceptance Aug 31, 2008

2010

Earned Value Projected 97.4%, Actual 96.9% ★ Reach 2 & 3 Contract Completion Date Apr 10, 2009
Updated KPC Baseline Schedule
As of July 31, 2008

- Mobilization - Sep 1, 2007 Early Finish (EF)
- Submittals June 27, 2008 - EF
- Prewet Reach 1A, October 30, 2007 EF
- Excavate to O&M Reach 1A - Dec 07, 2007 - EF
- Dewater Reach 1A - Mar 05, 2009 EF
- Excavate to Canal Prism Invert 1A - Dec 31, 2008 - EF
- Grade and Trim Canal Reach 1A - Jan 13, 2009 - EF
- Place Concrete for Reach 1A - Mar 03, 2009 - EF
- Fill Reach 1A - Mar 16, 2009 - EF
- Prewet Reach 1B - May 30, 2008 EF
- Excavate to O&M Reach 1B - Jun 16, 2009 - EF
- Dewater Reach 1B - Feb 08, 2010 - EF
- Excavate to Canal Prism Invert Reach 1B - Dec 23, 2009 - EF
- Grade and Trim Canal - Dec 28, 2009 - EF
- Place Concrete for Reach 1B - Feb 01, 2010 EF
- Fill Reach 1B - Feb 1, 2010 EF Includes Tie-Ins

Sep 10 07 Start of Permanent Sheet Pile Work

Earned Value Projected 73.3, Actual 73.3%

Reach 1A & 1B Contract Completion Date March 31, 2010
## Reach 2 Milestone OLS

### Reach 2 Chart

<table>
<thead>
<tr>
<th>Milestone</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Approve Tie-in submittal</td>
<td>3/24/08</td>
<td>3/31/08</td>
<td>4/7/08</td>
<td>4/14/08</td>
<td>4/21/08</td>
<td>5/5/08</td>
<td>5/12/08</td>
</tr>
<tr>
<td>2 Build Plug @ 2170</td>
<td>4/28/08</td>
<td>5/5/08</td>
<td>5/12/08</td>
<td>5/19/08</td>
<td>5/26/08</td>
<td>6/2/08</td>
<td>6/9/08</td>
</tr>
<tr>
<td>3 Tie-In South West Drop 2 Up-Stream</td>
<td>6/16/08</td>
<td>6/23/08</td>
<td>6/30/08</td>
<td>7/7/08</td>
<td>7/14/08</td>
<td>7/21/08</td>
<td>7/28/08</td>
</tr>
<tr>
<td>4 Fill Reach 2 Mainline</td>
<td>8/4/08</td>
<td>8/11/08</td>
<td>8/18/08</td>
<td>8/25/08</td>
<td>9/1/08</td>
<td>9/8/08</td>
<td>9/15/08</td>
</tr>
<tr>
<td>5 Install Sliding Well Instruments</td>
<td>9/15/08</td>
<td>9/22/08</td>
<td>9/29/08</td>
<td>10/6/08</td>
<td>10/13/08</td>
<td>10/20/08</td>
<td>10/27/08</td>
</tr>
<tr>
<td>6 Divert Water Reach 2</td>
<td>11/3/08</td>
<td>11/10/08</td>
<td>11/17/08</td>
<td>11/24/08</td>
<td>12/1/08</td>
<td>12/8/08</td>
<td>12/15/08</td>
</tr>
<tr>
<td>7 Drain Old Reach 2</td>
<td>12/22/08</td>
<td>12/29/08</td>
<td>1/5/09</td>
<td>1/12/09</td>
<td>1/19/09</td>
<td>1/26/09</td>
<td>2/2/09</td>
</tr>
<tr>
<td>9 Excavate Old Reach 2 1.2m cy</td>
<td>3/29/09</td>
<td>4/5/09</td>
<td>4/12/09</td>
<td>4/19/09</td>
<td>5/3/09</td>
<td>5/10/09</td>
<td>5/17/09</td>
</tr>
<tr>
<td>10 Build OLS In-let Canal</td>
<td>5/24/09</td>
<td>6/1/09</td>
<td>6/8/09</td>
<td>6/15/09</td>
<td>6/22/09</td>
<td>7/6/09</td>
<td>7/13/09</td>
</tr>
<tr>
<td>11 Trim Old Reach 2 594,000 cy yd</td>
<td>7/20/09</td>
<td>7/27/09</td>
<td>8/3/09</td>
<td>8/10/09</td>
<td>8/17/09</td>
<td>8/24/09</td>
<td>9/1/09</td>
</tr>
<tr>
<td>14 Test OLS In-let and Out-let structures</td>
<td>12/25/09</td>
<td>1/1/09</td>
<td>1/8/09</td>
<td>1/15/09</td>
<td>1/22/09</td>
<td>1/29/09</td>
<td>2/5/09</td>
</tr>
<tr>
<td>15 Fill OLS 8 20.00</td>
<td>2/12/09</td>
<td>2/19/09</td>
<td>2/26/09</td>
<td>3/5/09</td>
<td>3/12/09</td>
<td>3/19/09</td>
<td>3/26/09</td>
</tr>
</tbody>
</table>

*PARSONS*
KPC ISSUES

SCOPE
- Reduction in Length of Transition T2 - Negotiating
- Erosion Protection & Stabilization for Power Pole

SCHEDULE
- Power Pole Protection Interference - TBD

QUALITY
- NCR-001 – Failure to Maintain Moisture Content in Reach 1B, B3
- Coarse Aggregate
Updated Summary as of July 31, 2008

Excavation to Invert Grade Completed to Date:
- Reach 1A (1A-1 through 1A-4)
- Reach 1B (B-3)
- Reach 2
- Reach 3

Mainline Canal Paving Completed to Date:
- Reach 1A (1A-1 through 1A-4) *
- Reach 2
- Reach 3

Transition Concrete Paving Completed to Date:
- Reach 2 – Tie-In at Sta. 1934 Southwest
- Reach 2 – Tie-In at Drop 2 Upstream Southeast
- Reach 3 – Tie-In at Drop 3 Southeast and Northeast

- Note: KPC crusher equipment shut down for dismantling on July 31, 2008
- Note: ACJV batch plant has been removed from site.
Confluence Structure completed.
Reach 2 Water is flowing through constructed canal.
Hyrdotest of 96” RCP completed.
Project is ahead of schedule.
Earned Value to date is 96.9% of total contract amount.
Fish Recovery complete.
Old Reach 2 Canal (OLS) drained.
Excavation to grade for OLS completed.
Drop 3 Tie-in completed.
Drop 2 downstream tie-in 80% complete.
IID Instrumentation checkout is 100% complete.
KPC has installed 368 primary, and 98 auxiliary invert, dewatering wells in Reach 1A, and 140 dewatering wells in Reach 1B. They continue installing dewatering wells in Reach 1B.

KPC continues driving sheet pile for transition T1 right.

Review of coarse aggregate issue continues.

NCR-001 – Failure to maintain side slope moisture content in B3 was issued on June 16, 2008. Withholding payment for Pay Item 29 since June 25, 2008. KPC agreed to send Corrective Action.

KPC is demobilizing the Sidewinder Road crusher.

Earned Value is 73% of total contract amount.
ACJV PHOTOS

LOOKING NORTH TO ACJV
PLACING CONCRETE ON TIE-IN
AT 1934+00 RIGHT SIDE SLOPE

CONCRETE PLACEMENT AT
OLS INLET CHANNEL JUST
NORTH OF INLET CHANNEL
GATES
OLS INLET STRUCTURE AND CHANNEL AS SEEN FROM OLS NORTH BANK ~STA 14+60 DATED 7/10/08

OLS INLET STRUCTURE AND CHANNEL AS SEEN FROM OLS NORTH BANK ~STA 14+60 DATED 7/23/08
LOOKING UPSTREAM AT OLS LINING OPERATIONS

PVC GEOMEMBRANE LINER INSTALLATION WITH EARTH COVER AT STA. 56+00
ACJV PHOTOS

AIR LANCE SEAM TEST OF OLS GEOMEMBRANE LINER DURING MORNING OPERATIONS

AIR LANCE SEAM TEST OF OLS GEOMEMBRANE LINER DURING NIGHT OPERATIONS
OLS ~STA 215 EXCAVATORS AND DUMP TRUCKS PLACING MATERIAL OVER LINER

LOOKING UPSTREAM OLS EXCAVATORS AND DUMP TRUCKS PLACING MATERIAL OVER LINER
ACJV PHOTOS

ACJV BACKFILLING 96” RCP AT OLS OUTLET STRUCTURE

OLS OUTLET STRUCTURE BEING FORMED BY ACJV
AMES CREW PLACING ROCK OVER PVC AT DROP 2 SW TIE-IN ~STA 2186

ACJV ADJUSTING SHEETPILE AT DROP 2 NE TIE-IN LOOKING NW
SHEET PILE INSTALLATION AT TIE-IN 1 ~ STA. 1250

INSTALLATION OF DEWATERING WELL AT STA. 1250 SOUTH BANK
STA. 1270 ATOP OF RIGHT SPOIL PILE OF THE CANAL FACING UPSTREAM AT STA. 1265

STA. 1270 ATOP RIGHT SIDE SPOIL PILE LOOKING DOWNSTREAM
From STA. 1426 ALONG LEFT SIDE OF THE CANAL FACING UPSTREAM

From ~ STA: 1341 along the left side facing upstream KPCs' D4 bull dozer backfilling track grade and building O&M road grade.
From STA. 1752 ALONG LEFT SIDE LOOKING DOWNSTREAM KPC CHALLENGER TRACTORS EXCAVATING ALONG REACH 1B AREA B2
STA. 1901 ALONG LEFT SIDE FACING UPSTREAM. KPC CONTINUING EFFORT TO MOISTURE ADJUST THE PRETRIMMED CANAL PRISM ALONG REACH 1B AREA B3.

STA. 1870 ALONG LEFT SIDE KPC IRRIGATION SYSTEM ASSEMBLED TO MOISTURE CONDITION THE PRETRIMMED PRISM SLOPES
AACLCP

Divert Water Flow Into New Canal

Reach 2  June 4, 2008

Reach 3  August 28, 2008

A1-A4  December 18, 2008

B1  December 9, 2009

B2 & B3  January 9, 2009
NEAR TERM LOOK AHEAD

- Removal of earthen plugs from Reach 1A
- Continue moisture adjustment of subgrade soils in B3
- Continue installation of temporary sheet pile in transition T1
- Continue installation of dewatering wells at B1
- Continue excavation in Reach 1B, Phase B2
- Concrete Lining at transition T1 scheduled to begin October 2, 2008; and at transition T2 & Reach 1B, Phase B3, on October 15, 2008
- Divert water into Reach 3 new canal
- Remove damaged panels from south side of Drop 2 west and Station 1934
- Continue Outlet Structure
- Complete Phase 1 turnout pending Change Order approval